

802.11n(HT20) CH11



802.11n(HT40) CH03



Reference



Reference



30MHz-3GHz

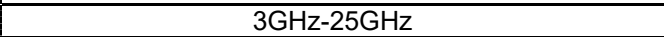
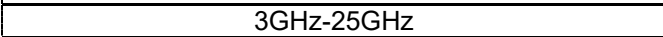
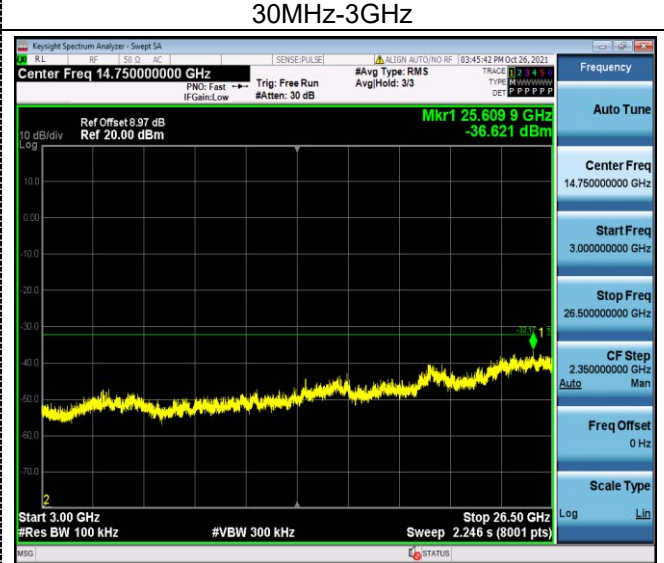
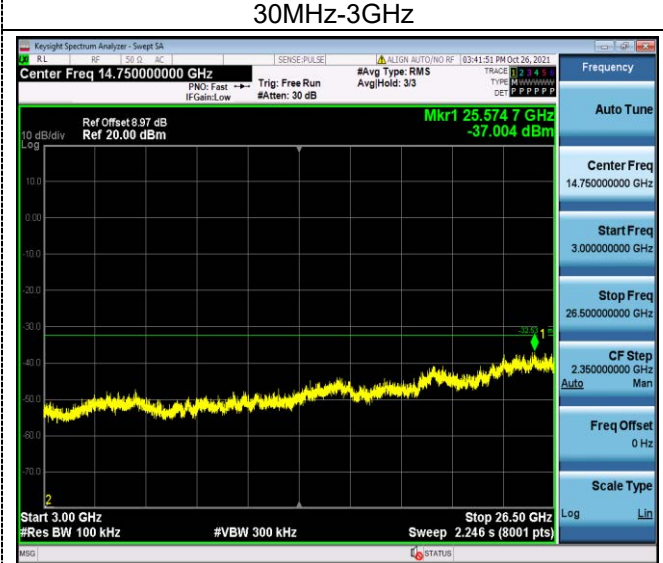
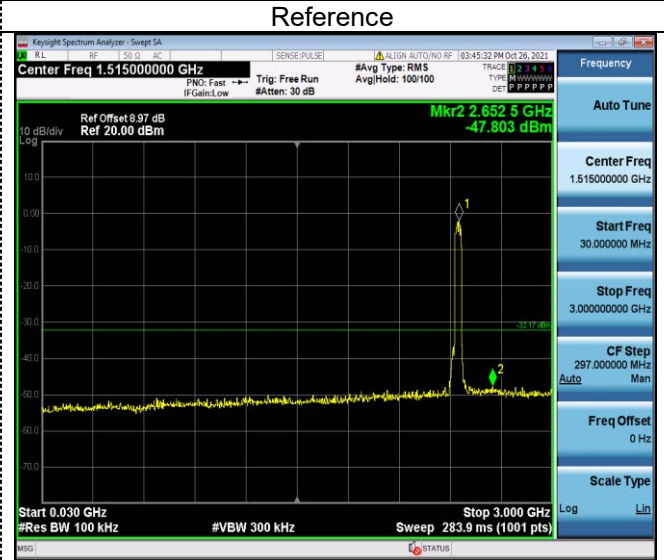
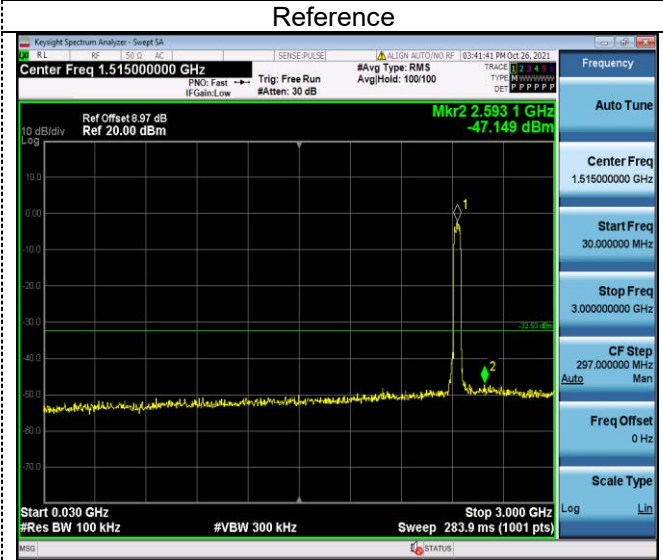
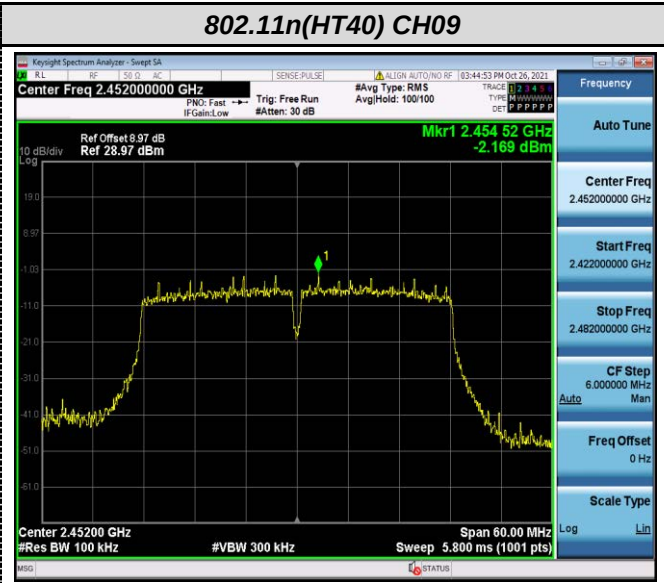
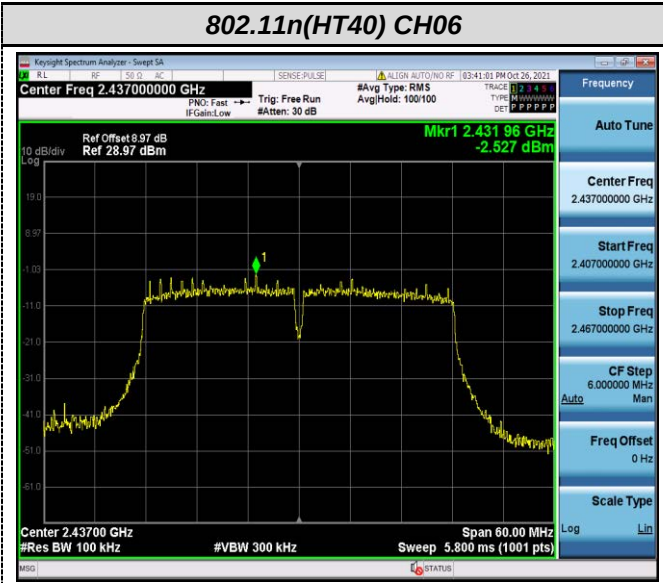


30MHz-3GHz

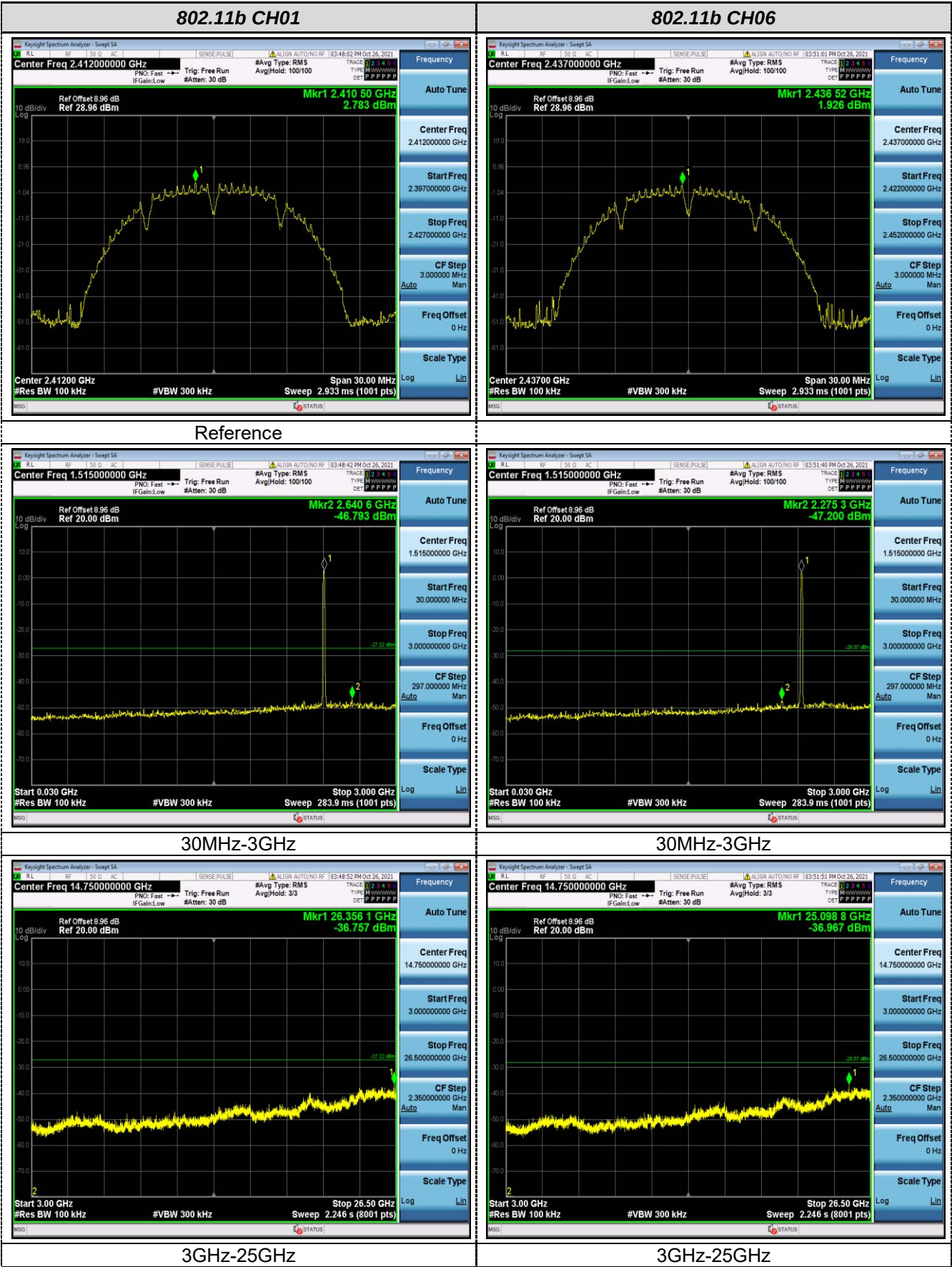


3GHz-25GHz

3GHz-25GHz



Ant2



Reference

30MHz-3GHz

30MHz-3GHz

3GHz-25GHz

3GHz-25GHz

802.11b CH11



802.11g CH01



Reference



30MHz-3GHz

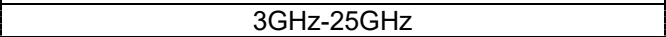
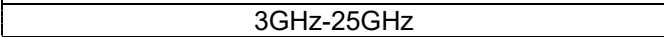
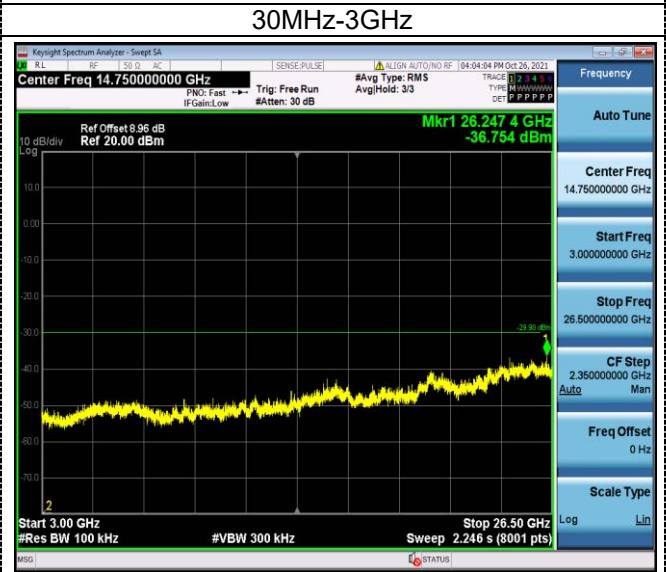
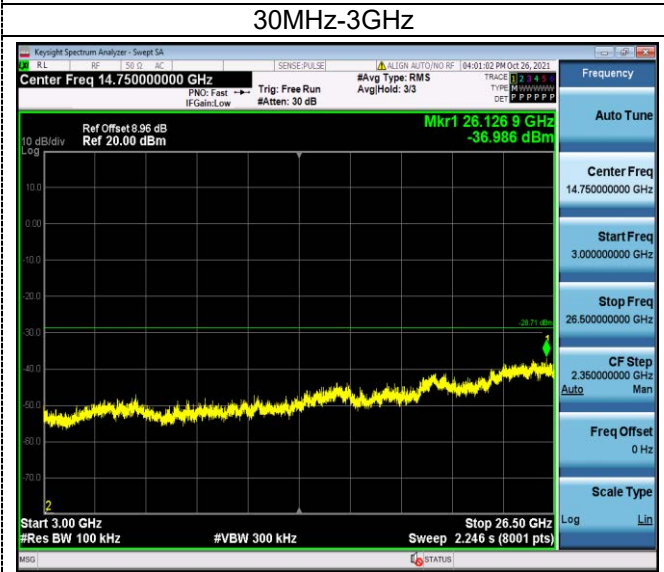
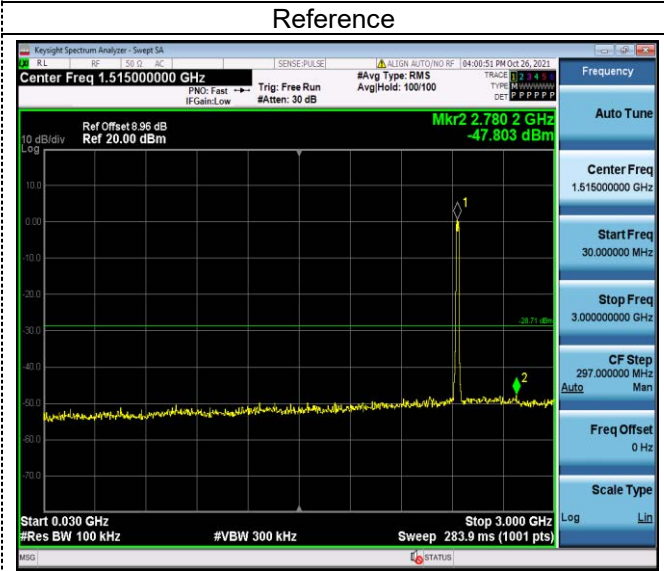
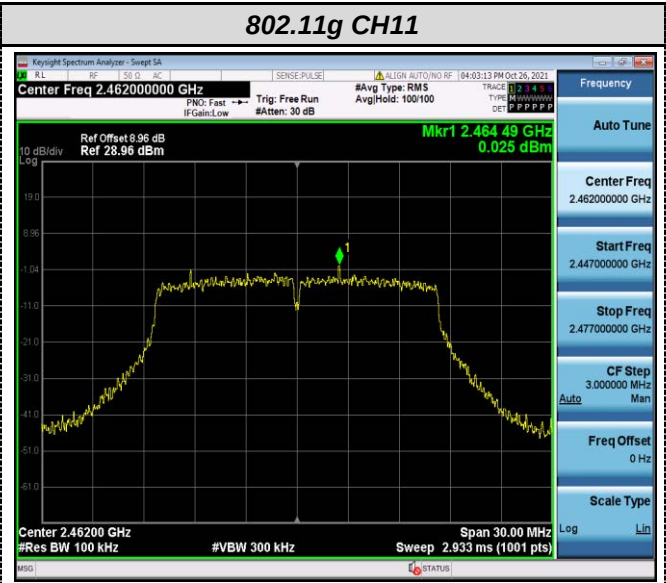


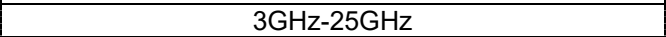
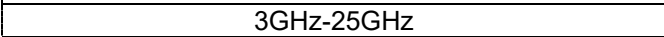
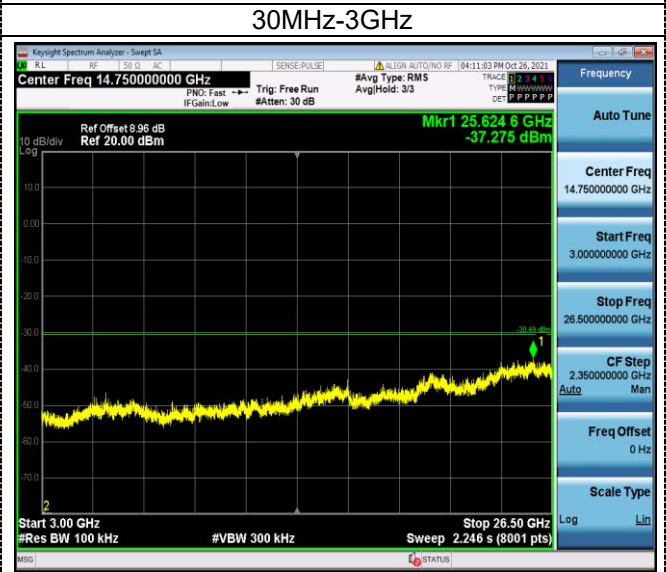
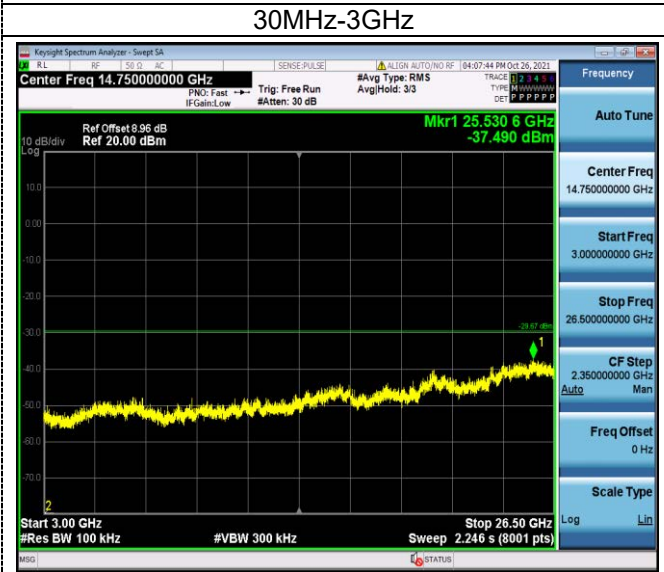
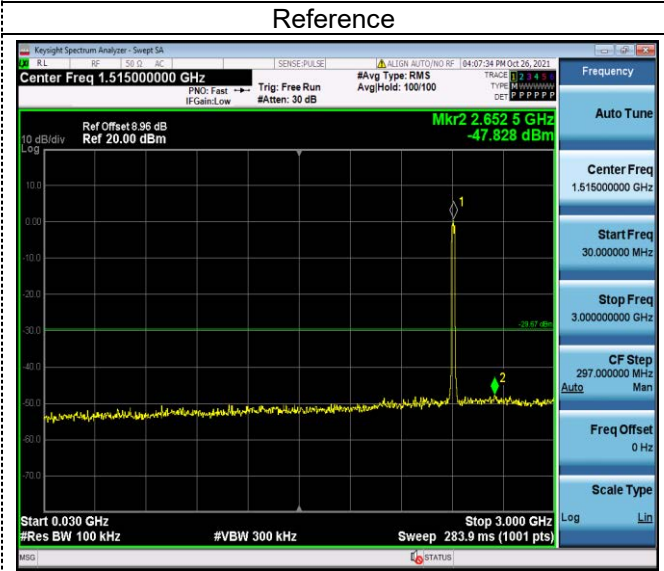
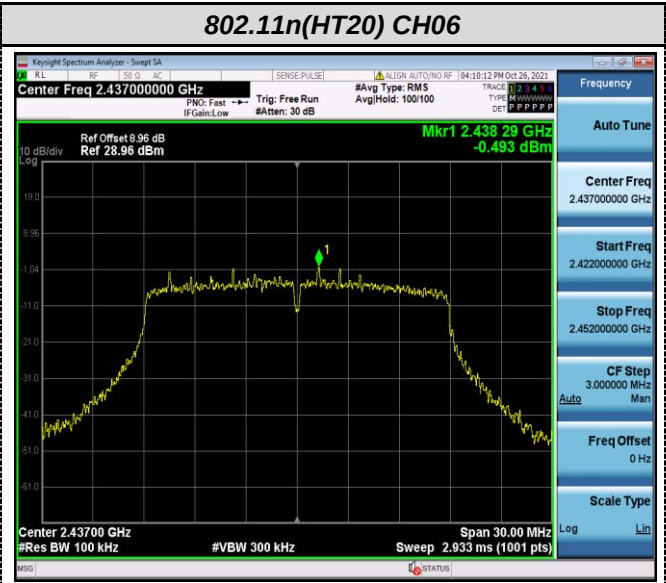
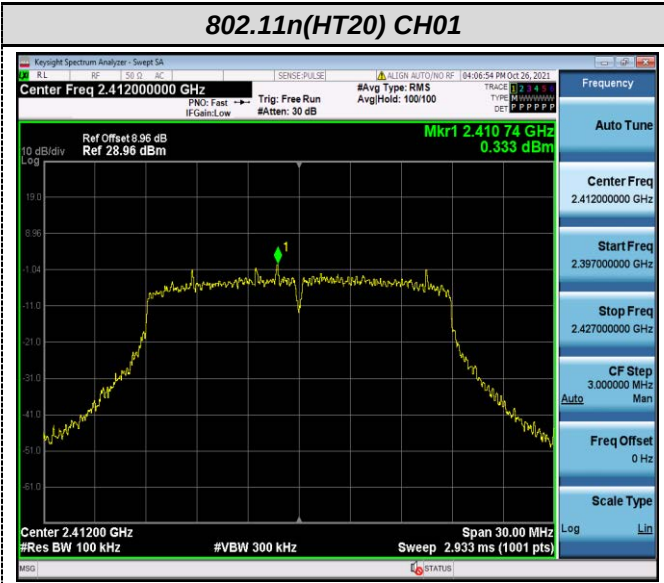
30MHz-3GHz

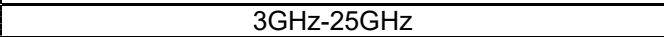
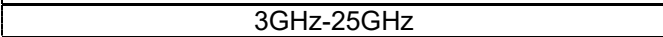
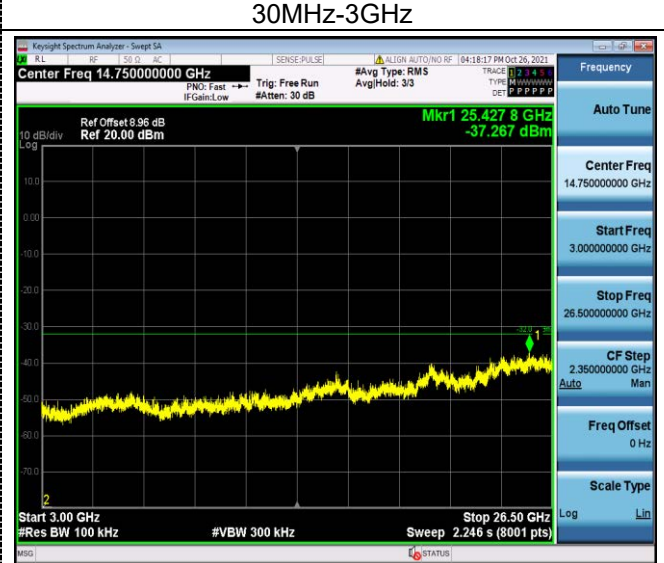
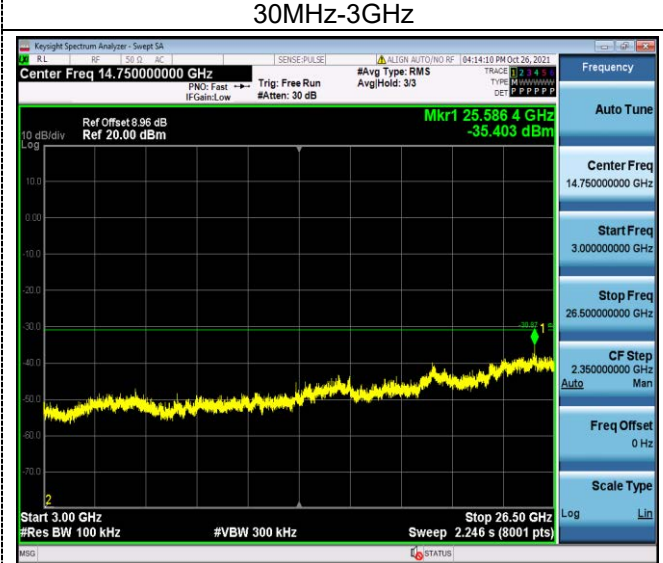
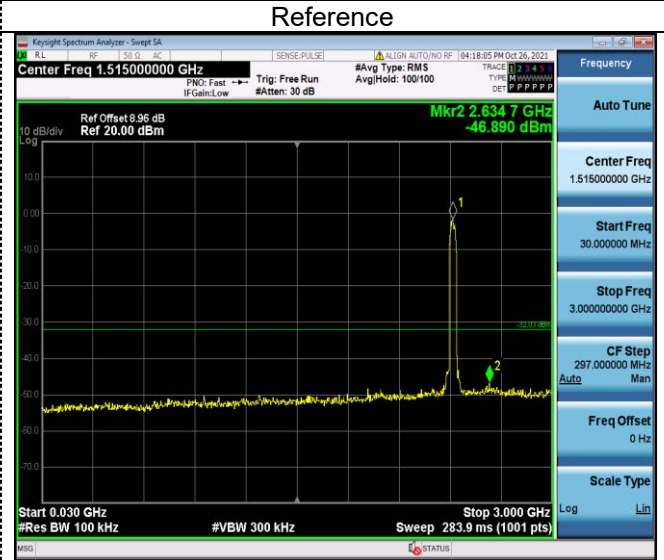
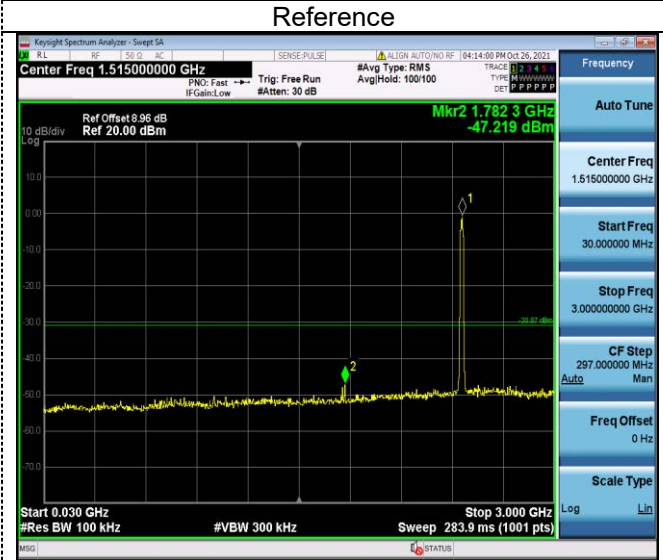
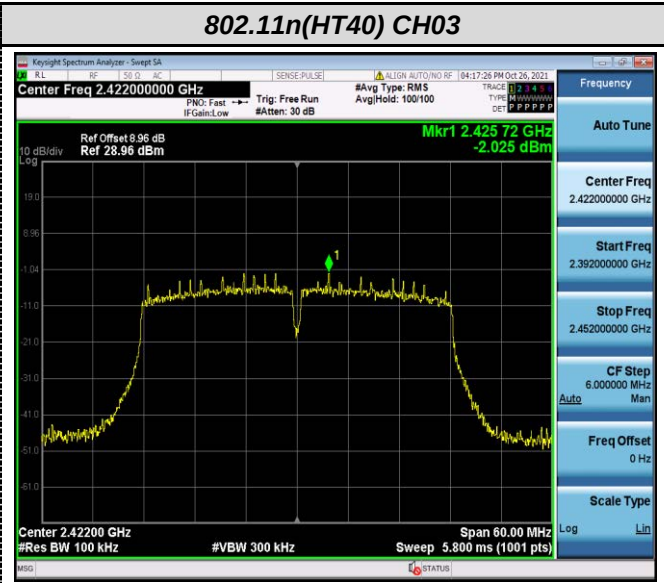
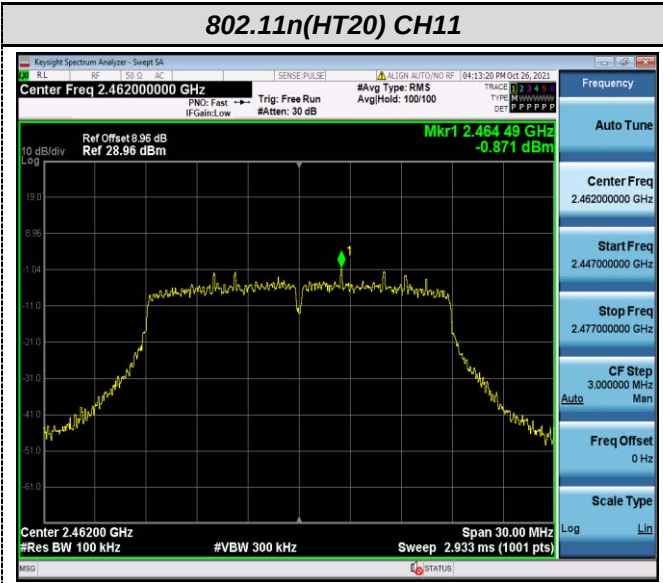


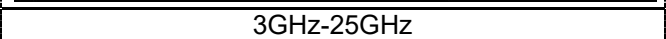
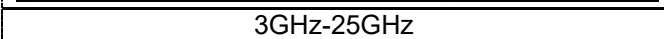
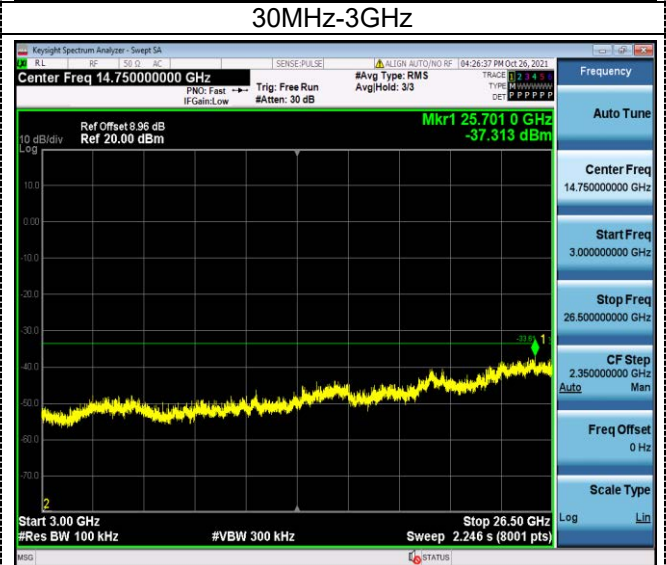
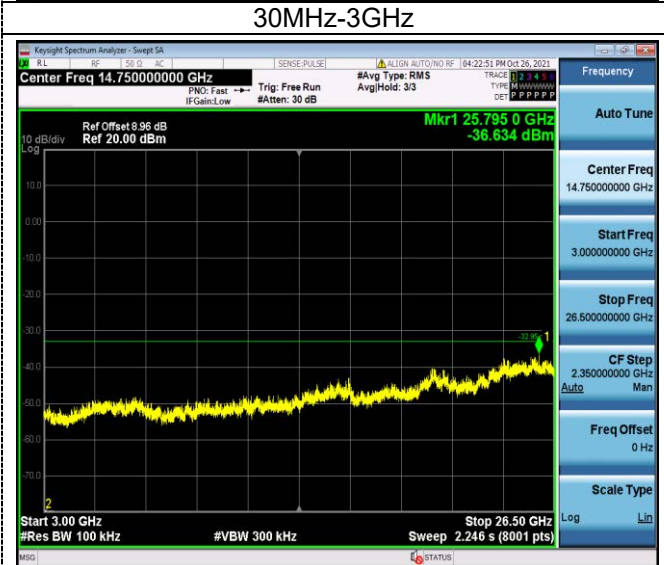
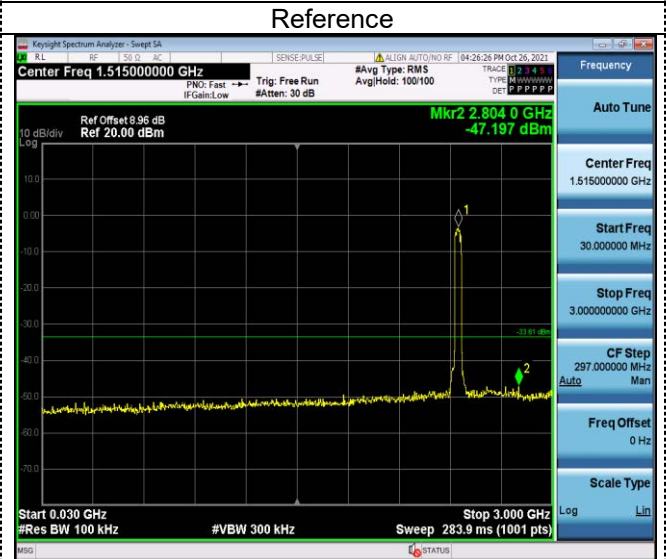
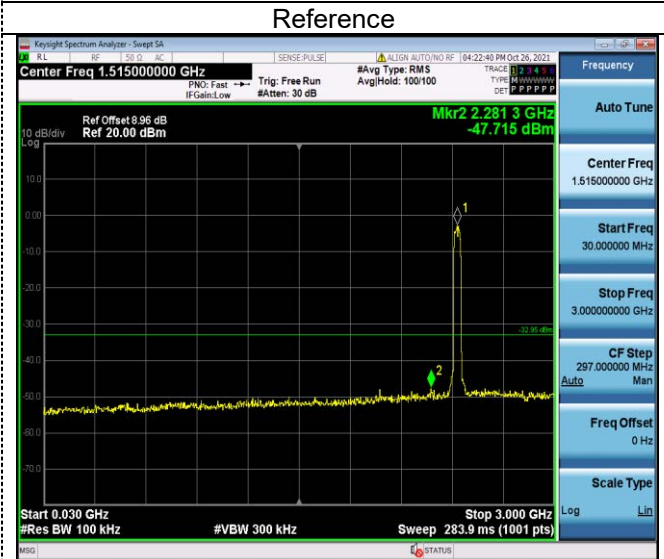
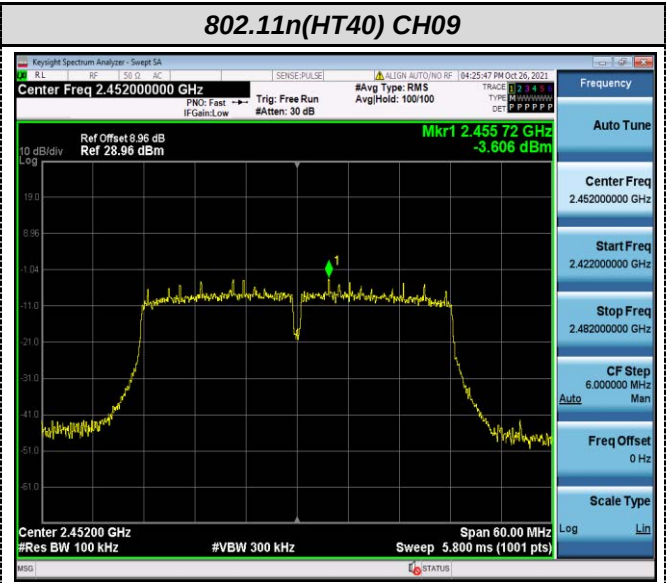
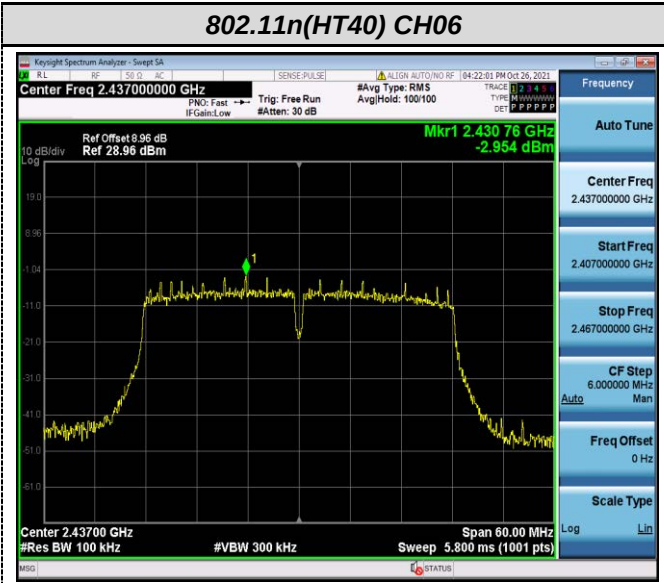
3GHz-25GHz

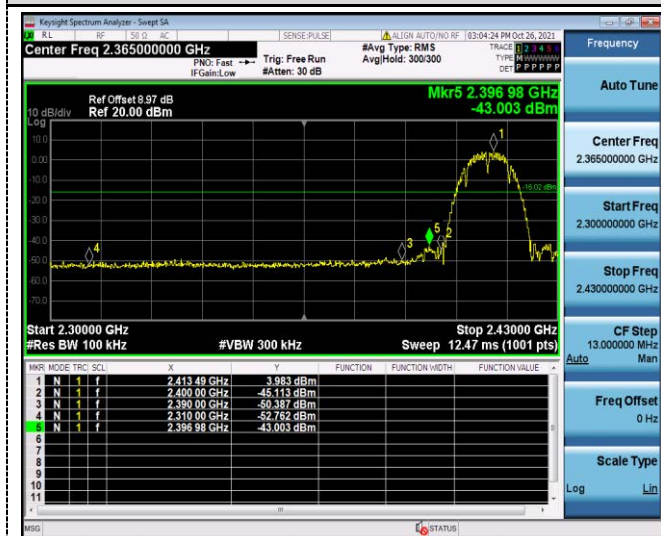
3GHz-25GHz



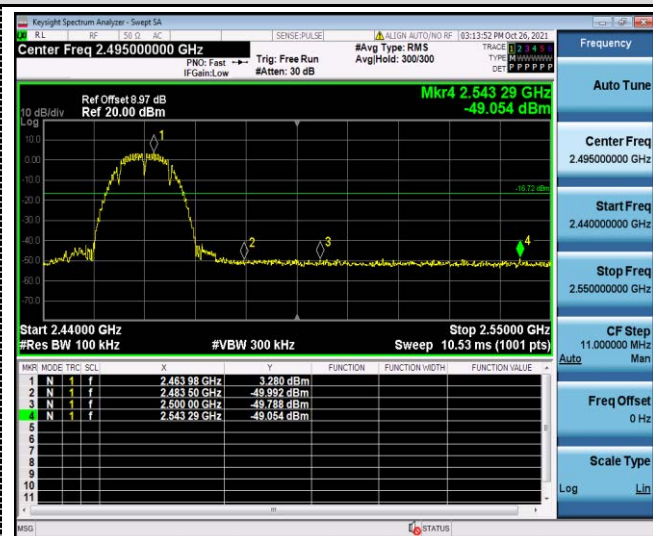






Band-edge Measurements for RF Conducted Emissions at antenna 1:**802.11b**

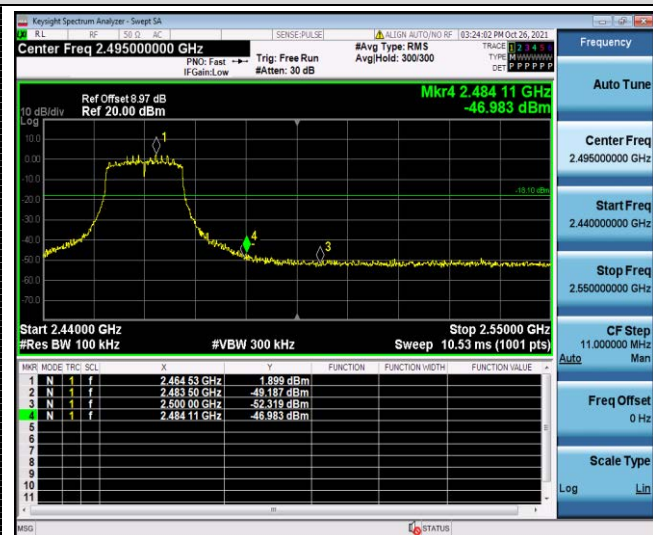
Left bandedge



Right bandedge

802.11g

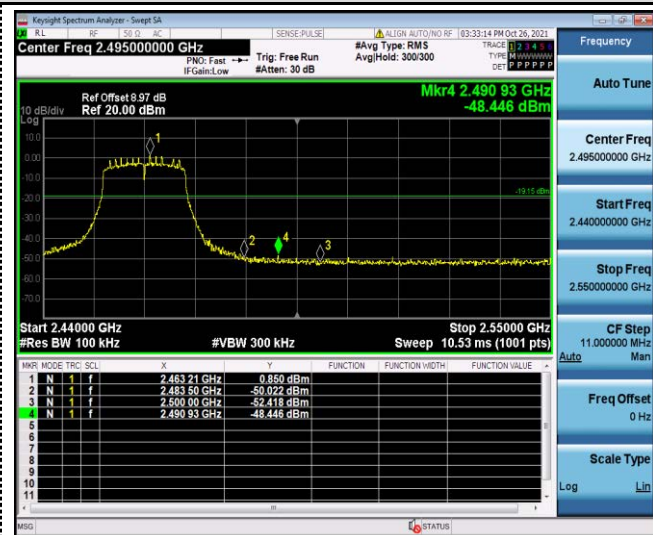
Left bandedge



Right bandedge

802.11n(HT20)

Left bandedge



Right bandedge

802.11n(HT40)



Band-edge Measurements for RF Conducted Emissions at antenna 2:

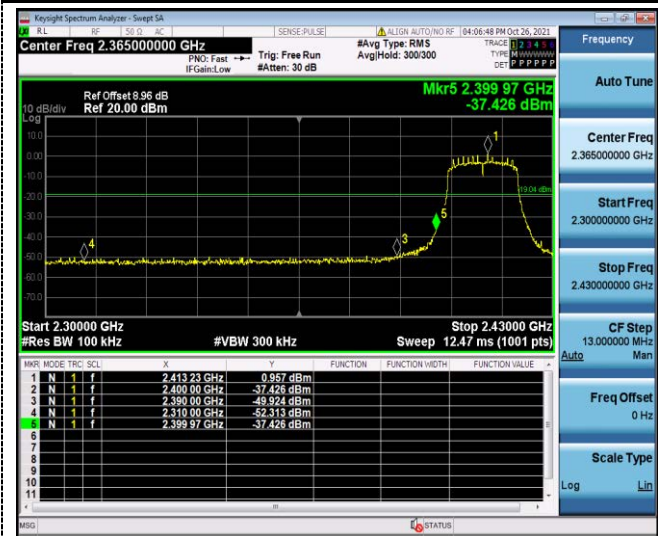
802.11b



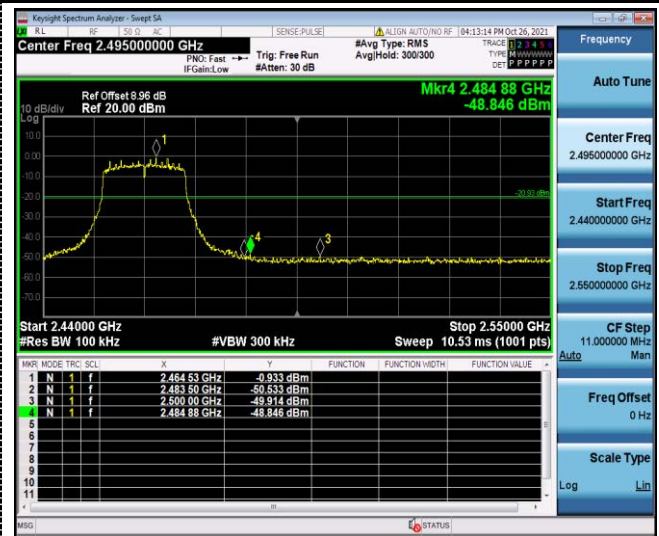
802.11g



802.11n(HT20)



Left bandedge

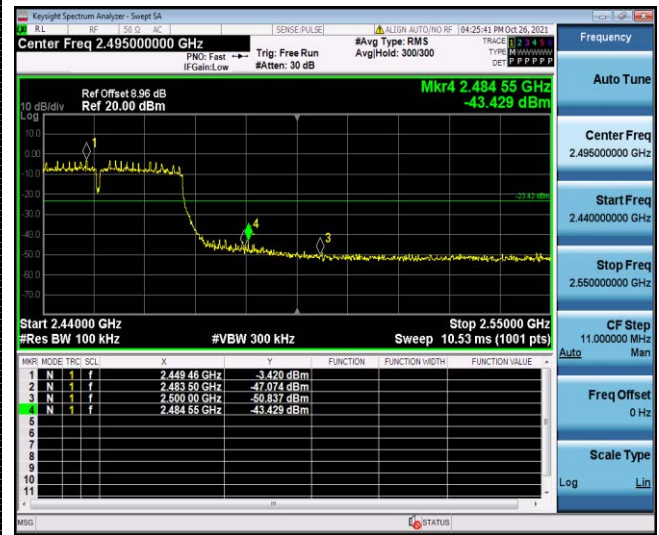


Right bandedge

802.11n(HT40)



Left bandedge



Right bandedge

4.7 Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

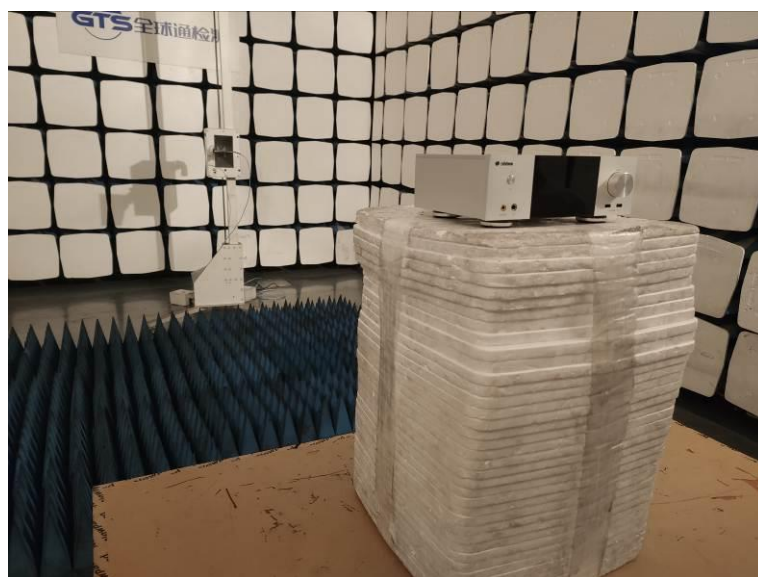
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result:

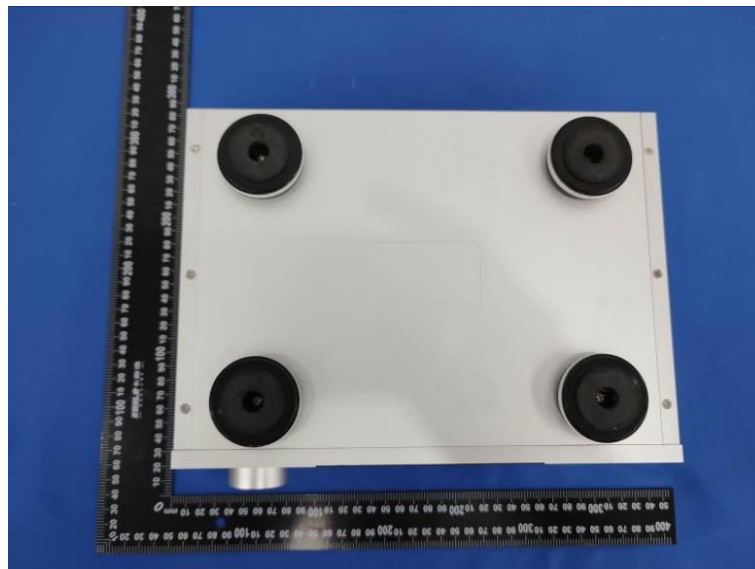
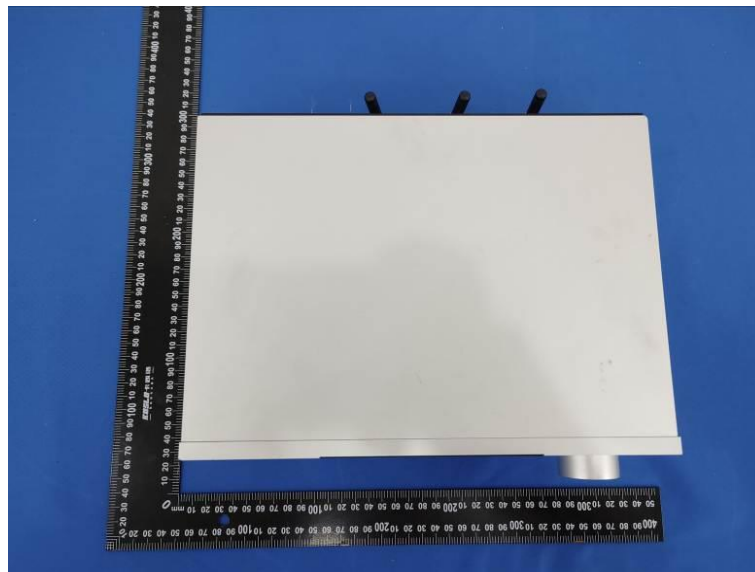
The maximum gain of antenna was 3dBi for 2.4GHz WIFI.

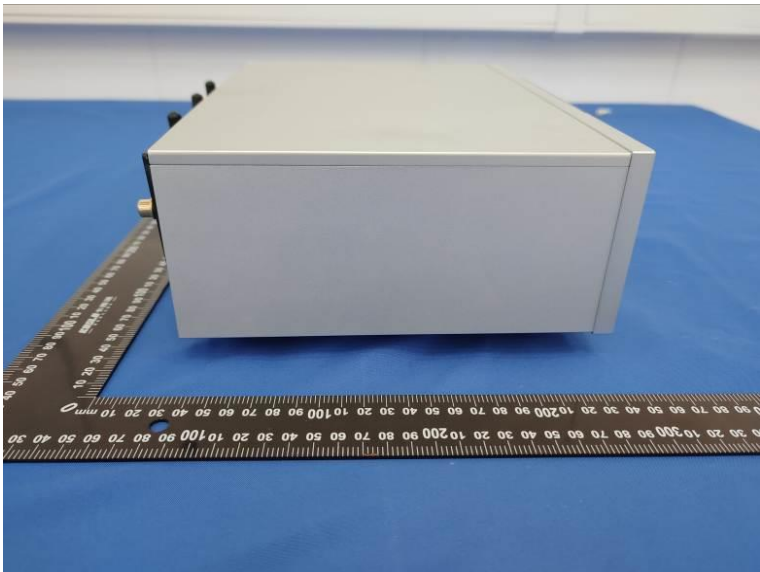
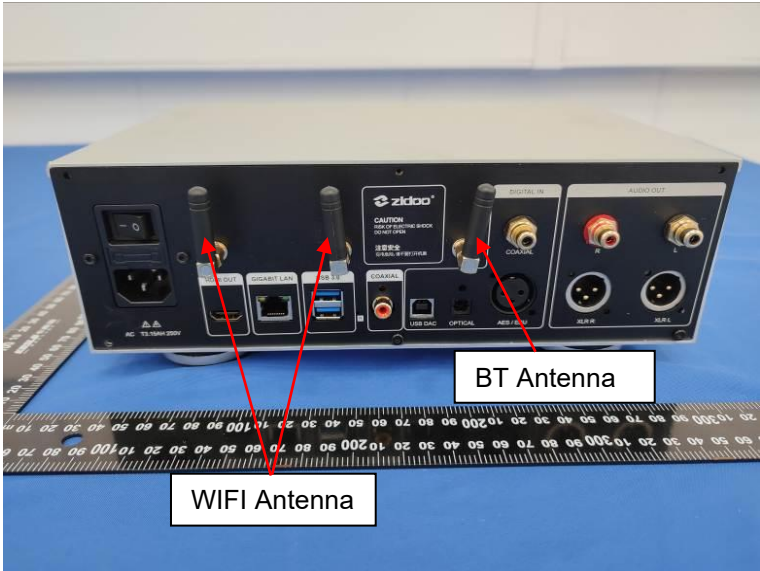
5 Test Setup Photos of the EUT

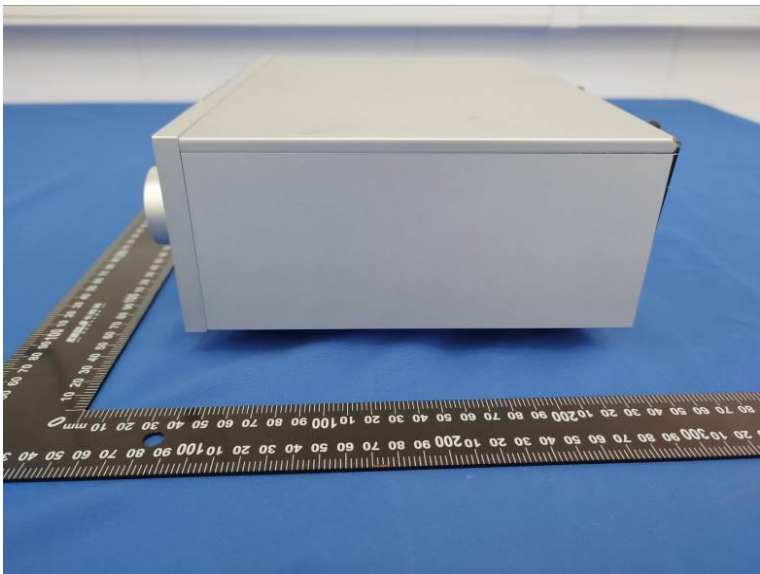


6 Photos of the EUT

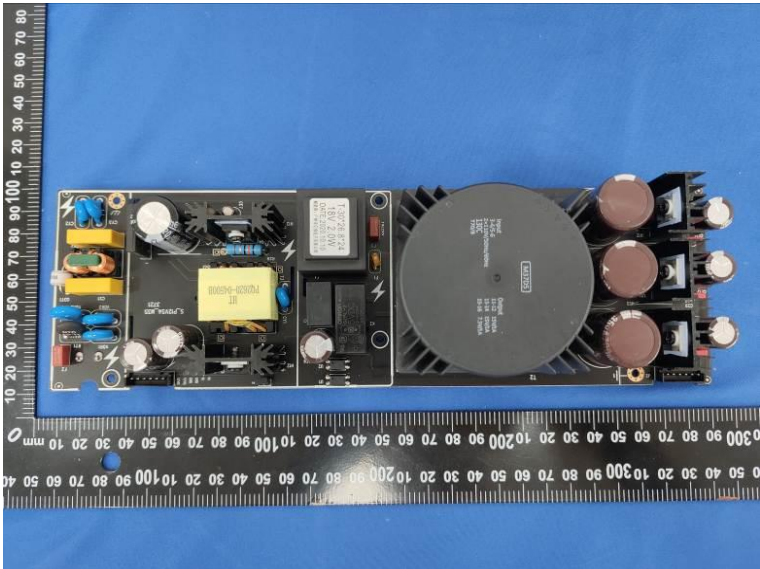
External photos

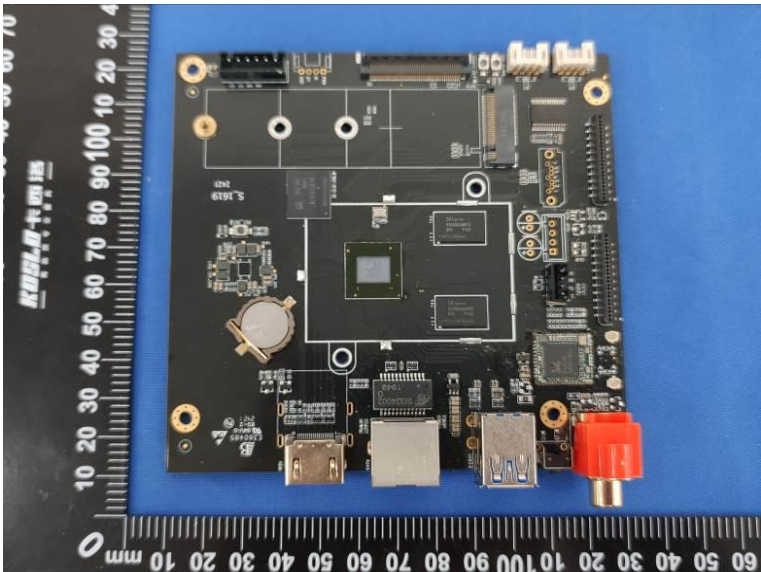
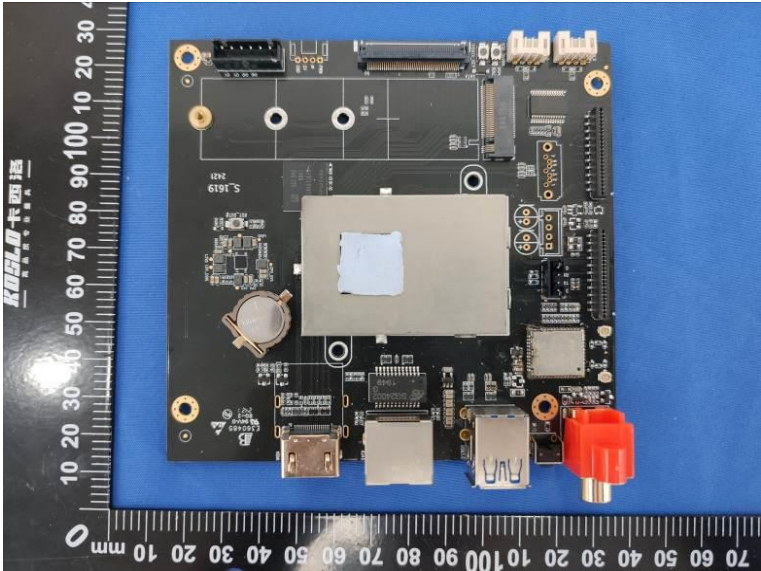
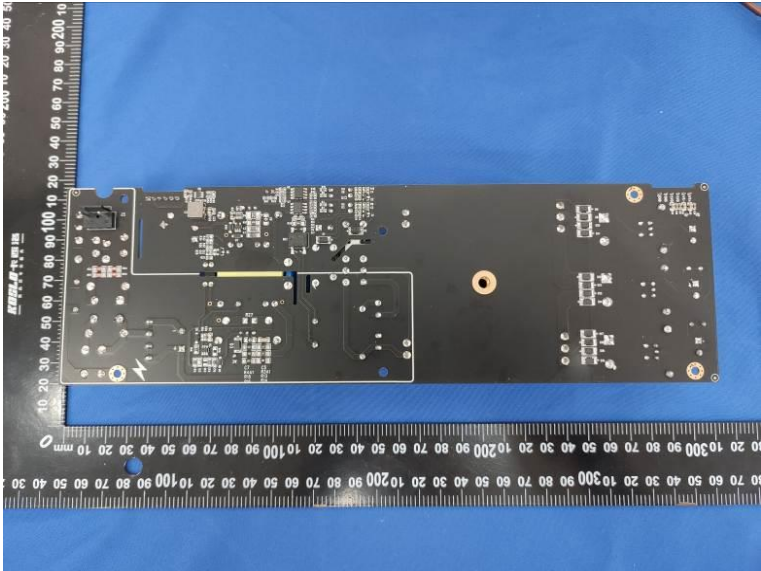


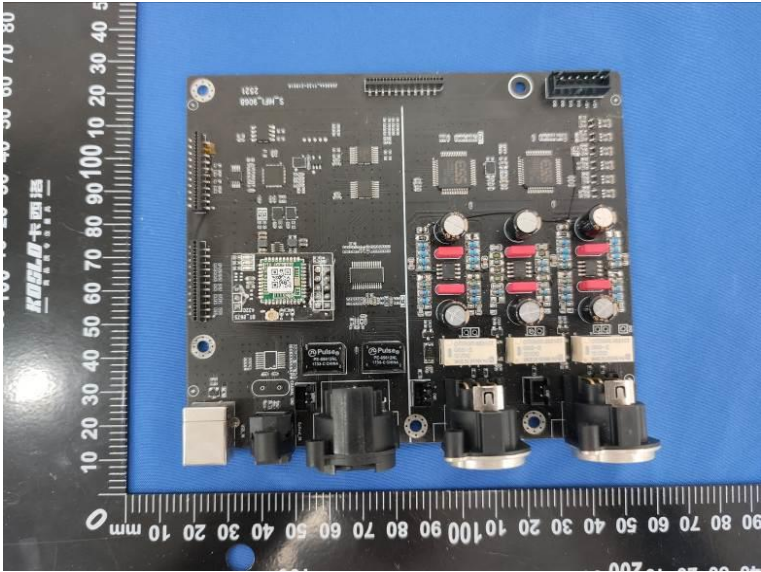
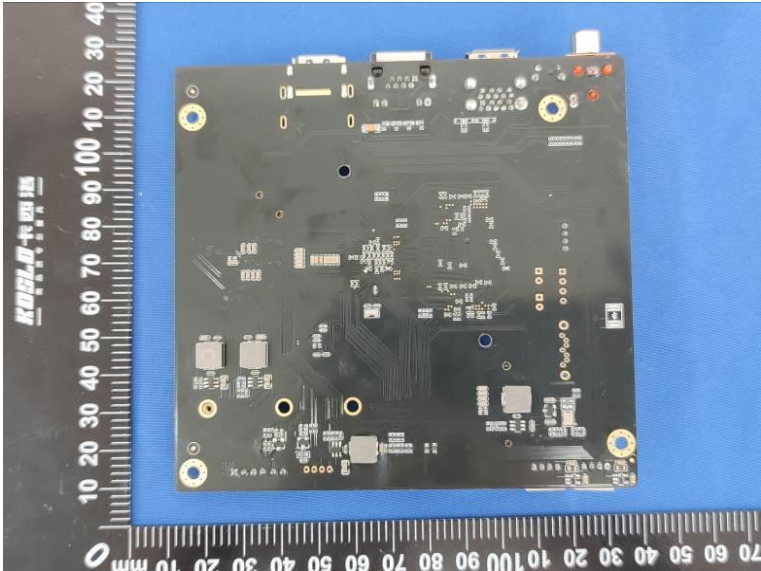
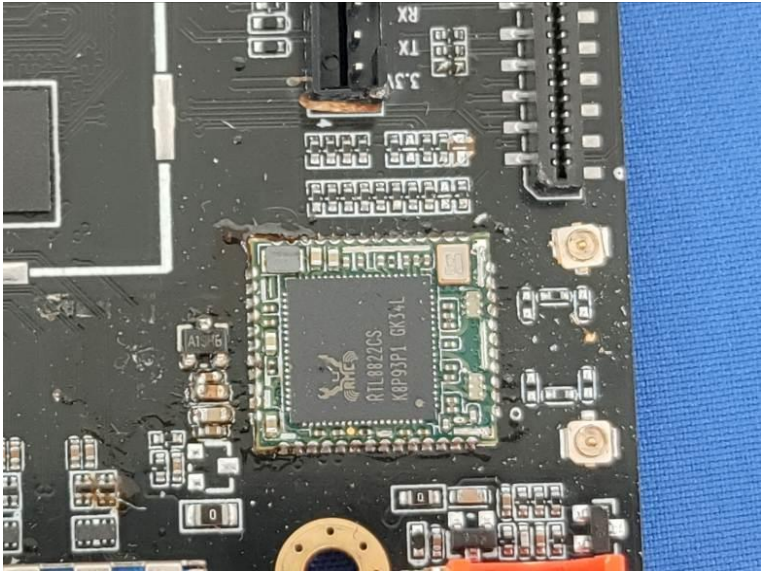


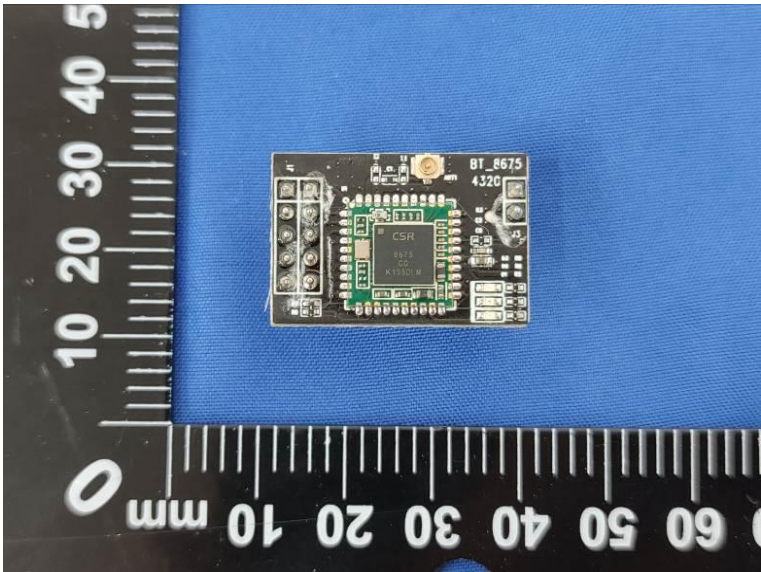
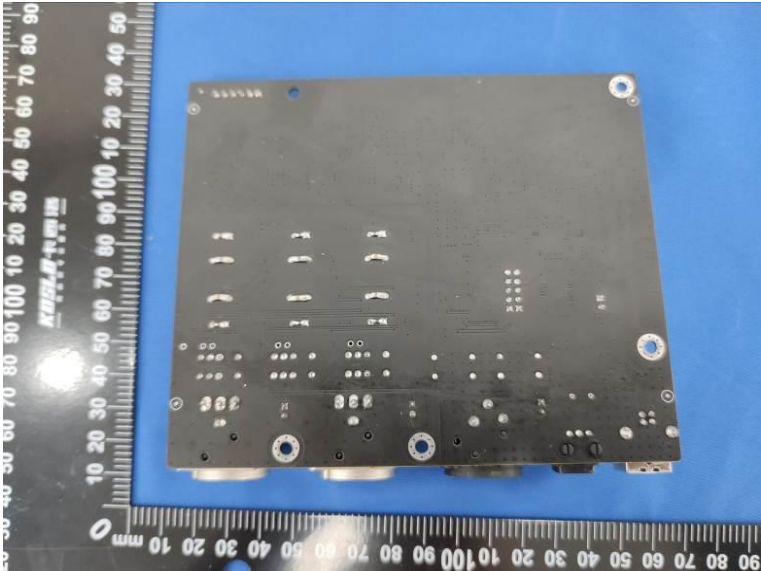
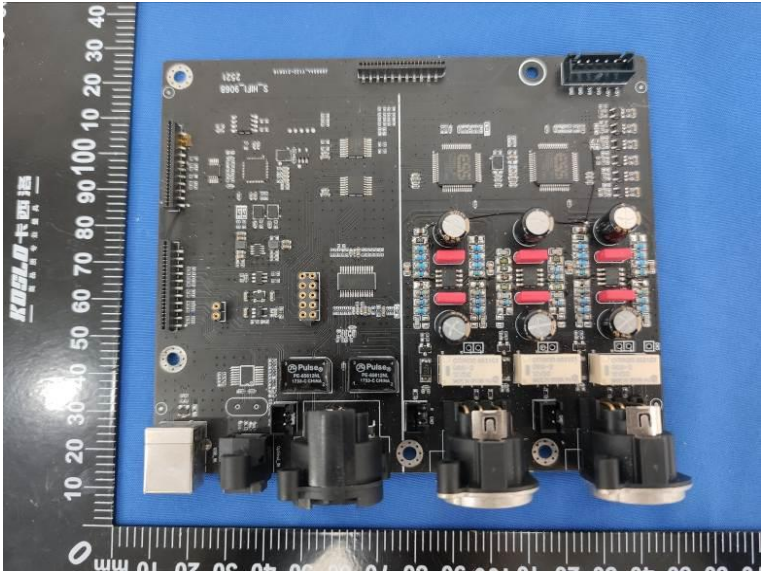


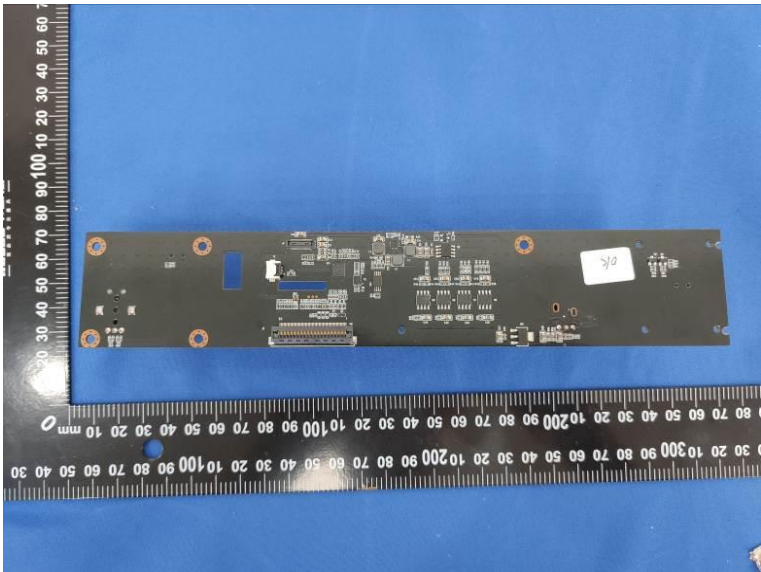
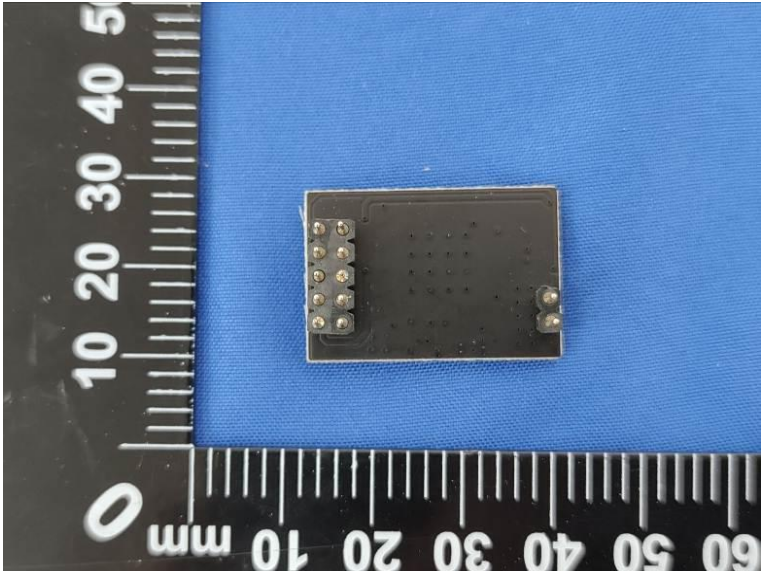
Internal Photos

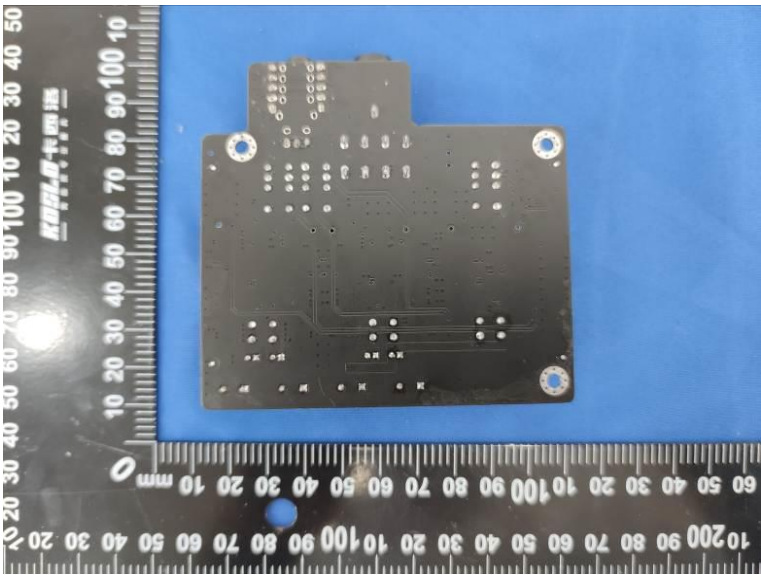
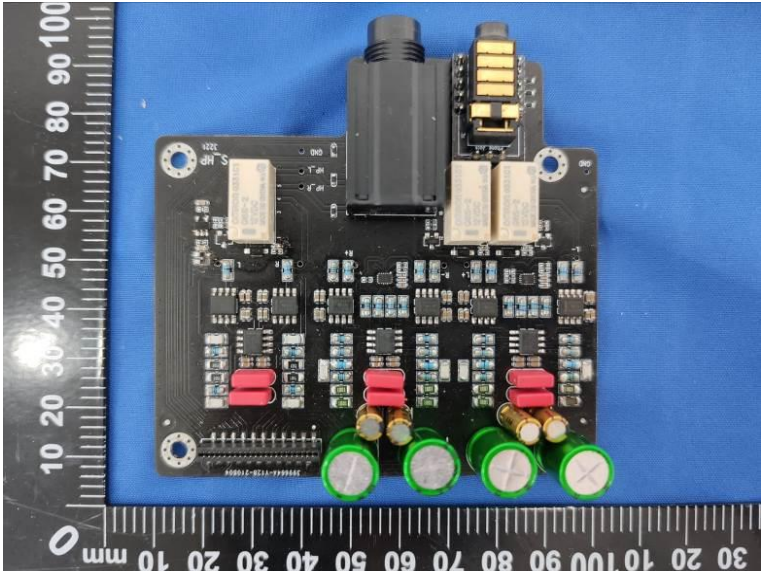












***** End of Report *****